

Paper #3

SHEET 1 OF 5

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| FORM PTO-1449<br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br><b>SUPPLEMENTAL<br/>         INFORMATION DISCLOSURE STATEMENT<br/>         BY APPLICANT</b><br><br>(USE SEVERAL SHEETS IF NECESSARY) | ATTY. DOCKET NO.<br>ELITRA.001DV1 | APPLICATION NO.<br>Unknown | J1036 U.S. PTO<br>09/912020<br>07/23/01 |
|   | APPLICANT<br>Zyskind, et al.      |                            |   |
|   | FILING DATE<br>Herewith           | GROUP<br>Unknown           |   |

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| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | NAME               | CLASS | SUBCLASS | FILING DATE<br>(IF APPROPRIATE) |
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|                     | 1  | 4,622,297       | 11/11/86 | Kappner, et al.    |       |          |                                 |
|                     | 2  | 4,980,281       | 12/25/90 | Housey, et al.     |       |          |                                 |
|                     | 3  | 5,190,931       | 03/02/93 | Inouye             |       |          |                                 |
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|                     | 6  | 5,272,065       | 12/21/93 | Inouye, et al.     |       |          |                                 |
|                     | 7  | 5,569,588       | 12/09/96 | Ashby, et al.      |       |          |                                 |
|                     | 8  | 5,585,277       | 12/17/96 | Bowie, et al.      |       |          |                                 |
|                     | 9  | 5,688,655       | 11/08/97 | Housey, et al.     |       |          |                                 |
|                     | 10 | 5,756,305       | 05/26/98 | Timberlake, et al. |       |          |                                 |
|                     | 11 | 5,821,076       | 10/13/98 | Timberlake, et al. |       |          |                                 |
|                     | 12 | 5,877,007       | 03/02/99 | Housey, et al.     |       |          |                                 |
|                     | 13 | 5,965,352       | 10/12/99 | Stoughton, et al.  |       |          |                                 |
|                     | 14 | 6,015,669       | 01/18/00 | Holden             |       |          |                                 |
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| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
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|                     |    |                 |          |         |       |          | YES         | NO |
|                     | 16 | WO 95/06132     | 03/02/95 | PCT     |       |          |             |    |
|                     | 17 | WO 96/23075     | 08/01/96 | PCT     |       |          |             |    |
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|                     | 22 | WO 98/03533     | 01/29/98 | PCT     |       |          |             |    |
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DATE CONSIDERED


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\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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|                          |    |                 |          |         |       |          | YES         | NO |
| A                        | 25 | WO 99/43338     | 09/02/99 | PCT     |       |          |             |    |
|                          | 26 | WO 99/49888     | 10/07/99 | PCT     |       |          |             |    |
|                          |    |                 |          |         |       |          |             |    |
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|                     | 29   | Lee, N. G., et al., <i>Infection and Immunity</i> , 63(3):818-824, 1995,<br>"Molecular Cloning and Characterization of the Nontypable <i>Haemophilus Influenzae</i> -2019 rfaE Gene Required for Lipopolysaccharide Biosynthesis."                          |
| A                   | 30   | Valvano, M. A., et al., <i>Journal of Bacteriology</i> , 182:488-497, 2000, "The rfaE Gene from <i>Escherichia coli</i> Encodes a Bifunctional Protein Involved<br>in Biosynthesis of the Lipopolysaccharide Core Precursor ADP-L-glycero-D-manno-heptose." |
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|                     | 33 | 5,679,523       | 10/21/97 | Li et al.      |       |          |                                 |
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|                     | 37 | 5,869,290       | 2/9/99   | Freeman et al. |       |          |                                 |
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|                     | 42 | 5,955,275       | 9/21/99  | Kamb           |       |          |                                 |
|                     | 43 | 6,020,121       | 2/1/00   | Bao et al.     |       |          |                                 |
|                     | 44 | 6,037,123       | 3/14/00  | Benton et al.  |       |          |                                 |

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|---------------------|----|-----------------|---------|---------|-------|----------|-------------|----|
|                     |    |                 |         |         |       |          | YES         | NO |
|                     | 45 | 0816511 A1      | 1/7/98  | EP      |       |          |             |    |
|                     | 46 | 0837142 A1      | 4/22/98 | EP      |       |          |             |    |
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|                     | 48 | 0889123 A2      | 1/7/99  | EP      |       |          |             |    |
|                     | 49 | 0889129 A2      | 1/7/99  | EP      |       |          |             |    |
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|                     | 51 | 0892064 A2      | 1/20/99 | EP      |       |          |             |    |
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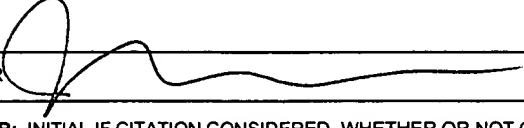
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|---------------------|----|-----------------|----------|---------|-------|----------|-------------|----|
|                     |    |                 |          |         |       |          | YES         | NO |
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|                     | 55 | 0905247 A2      | 3/31/99  | EP      |       |          |             |    |
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|                     | 59 | WO 97/48822     | 12/24/97 | PCT     |       |          |             |    |
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|                     | 61 | WO 97/40851     | 11/6/97  | PCT     |       |          |             |    |
|                     | 62 | WO 97/37026     | 10/9/97  | PCT     |       |          |             |    |
|                     | 63 | WO 98/20161     | 5/14/98  | PCT     |       |          |             |    |
|                     | 64 | WO 98/19162     | 5/7/98   | PCT     |       |          |             |    |
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|                     | 76 | WO 99/55729     | 11/4/99  | PCT     |       |          |             |    |
|                     | 77 | WO 97/272213    | 7/31/97  | PCT     |       |          |             |    |
|                     | 78 | WO 00/34481     | 6/15/00  | PCT     |       |          |             |    |
|                     | 79 | WO 98/42854     | 10/1/98  | PCT     |       |          |             |    |
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| EXAMINER<br>INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)   |
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|                     | 1  | 5,082,767       | 1/21/92  | Hatfield, et al.   |       |          |                                 |
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|                     | 7  | 5,639,603       | 06/17/97 | Dower, et al.      |       |          |                                 |
|                     | 8  | 5,684,711       | 11/4/97  | Agrafiotis, et al. |       |          |                                 |
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|                     | 11 | 6,139,817       | 10/31/00 | Palmer, et al.     |       |          |                                 |
|                     | 12 | 6,248,525 B1    | 06/19/01 | Nilsen             |       |          |                                 |
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|                     |    |                 |          |                    |       |          |                                 |

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|                     |    |                 |          |         |       |          | YES         | NO |
|                     | 14 | WO 95/02823     | 01/26/95 | PCT     |       |          |             |    |
|                     | 15 | WO 96/17951     | 06/13/96 | PCT     |       |          |             |    |
|                     | 16 | WO 99/33871     | 07/8/99  | PCT     |       |          |             |    |
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| FORM PTO-1449  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>ELITRA.001DV1 | APPLICATION NO.<br>09/912,020 |
| SUPPLEMENTAL<br>INFORMATION DISCLOSURE STATEMENT<br>BY APPLICANT |  | APPLICANT<br>Zyskind, et al.      |                               |
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ELITRA.001DV1APPLICATION NO.  
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SHEET 1 OF 2

SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT  
BY APPLICANTAPPLICANT  
Zyskind, et al.FILING DATE  
July 23, 2001GROUP  
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| EXAMINER<br>INITIAL |   | DOCUMENT NUMBER | DATE     | NAME   | CLASS | SUBCLASS | FILING DATE<br>(IF APPROPRIATE) |
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| EXAMINER<br>INITIAL |   | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
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APPLICATION NO.  
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

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|   |   |                 |          |         |       |          | YES         | NO |  |
|   | 7 | WO 98/50555     | 11/12/98 | PCT     |       |          |             |    |  |
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| FORM PTO-1449  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>ELITRA.001DV1  | APPLICATION NO<br>09/912,020 |
| SUPPLEMENTAL<br>INFORMATION DISCLOSURE STATEMENT<br>BY APPLICANT |  | COPY OF PAPERS<br>ORIGINALLY FILED |                              |
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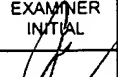
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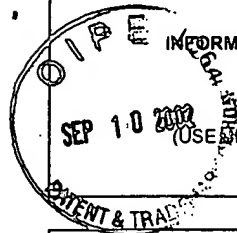
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